

8"  $\pm \frac{1}{2}$ " for 8" sections  
 5"  $\pm \frac{1}{2}$ " for 12" sections

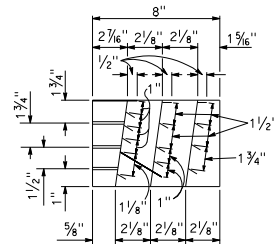
Drill signal face and attach backplate with six 10-24 or 10-32 self-tapping and locking stainless steel machine screws and flat washers

R=2"  $\pm \frac{1}{2}$ "

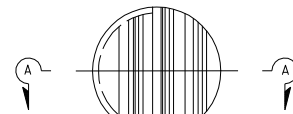
#### 8" AND 12" SECTIONS

#### BACKPLATE

$\frac{1}{8}$ " minimum thickness  
 3001-14 aluminum, or plastic  
 when specified



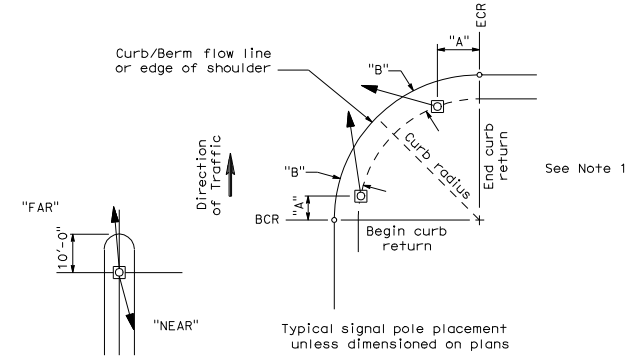
#### SECTION A-A



#### FRONT VIEW

#### DIRECTIONAL LOUVER

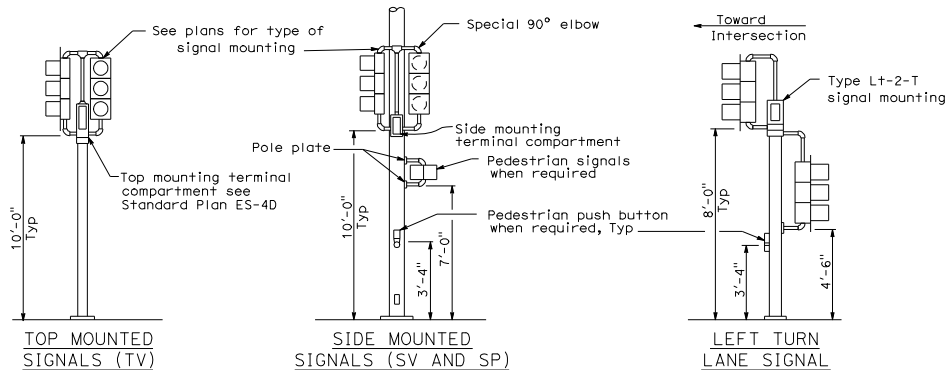
Directional louvers shall be oriented as directed by the Engineer and secured in place with one plated brass machine screw and nut.



#### SIGNAL STANDARD PLACEMENT DIMENSIONS AND EQUIPMENT LOCATIONS

#### NOTE:

1. For "A" and "B" dimensions, see Pole Schedule, or as directed by the Engineer.



#### TOP MOUNTED SIGNALS (TV)

Type 1-A, 1-B, 1-C and 1-D standard as indicated on the plans

#### SIDE MOUNTED SIGNALS (SV AND SP)

Normally used on standards with luminaire or signal mast arm

#### LEFT TURN LANE SIGNAL

Type 1-A, 1-B, 1-C and 1-D standard as indicated on plans

#### TYPICAL SIGNAL INSTALLATIONS

STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION

#### ELECTRICAL SYSTEMS (SIGNAL HEADS AND MOUNTINGS)

NO SCALE

ES-4C

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL SHEETS

*Jeffrey G. McRae*  
 REGISTERED ELECTRICAL ENGINEER  
 No. E14512  
 Exp. 6-30-06  
 ELECTRICAL  
 STATE OF CALIFORNIA

May 1, 2006  
 PLANS APPROVAL DATE

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